

Markhor Junior Contest ®

Learner Level (Class III & IV) Science 2020

There are 25 questions, and each question carries two marks.

1. **What do consumers in an ecosystem do?**
 - A) Make their own food
 - B) Eat other living things**
 - C) Give energy to the sun
 - D) Produce water
2. **What do plants need for photosynthesis?**
 - A) Sunlight, water, and air**
 - B) Soil only
 - C) Animals and sunlight
 - D) Rocks and water
3. **Which part of the plant becomes a fruit after fertilization?**
 - A) Leaf
 - B) Flower**
 - C) Root
 - D) Stem
4. **Why do camels have humps?**
 - A) To store water and fat for survival in deserts**
 - B) To attract other camels
 - C) To carry food
 - D) To run faster
5. **Which of these animals lives in the desert?**
 - A) Camel**
 - B) Whale
 - C) Tiger
 - D) Frog
6. **Which of these is an example of a simple food chain?**
 - A) Grass → Rabbit → Fox**
 - B) Grass → Rabbit → Fox → Hawk → Grass
 - C) Grass → Tree → Soil
 - D) Sun → Water → Rocks
7. **Which of these is a liquid?**
 - A) Oil**
 - B) Rock
 - C) Air
 - D) Steel



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8. What is a conductor?
A) A material that allows electricity to pass through
B) A material that blocks water
C) A material that is soft
D) A material that floats on water
9. What happens when salt is added to water?
A) It floats on water
B) It dissolves to make a solution
C) It sinks and cannot mix
D) It changes color
10. Which of these is a reversible change?
A) Burning paper
B) Melting ice
C) Cooking an egg
D) Rusting iron
11. What causes the seasons on Earth?
A) The Sun moving closer to Earth
B) The Earth revolving around the Sun with a tilted axis
C) The Moon's shadow
D) Clouds covering the Sun
12. What is water called in its solid state?
A) Rain
B) Ice
C) Steam
D) Ocean
13. Which type of rock is formed from layers of sand, mud, or other particles?
A) Igneous
B) Sedimentary
C) Metamorphic
D) Lava
14. Which type of soil has large particles and feels gritty?
A) Clay soil
B) Sandy soil
C) Loamy soil
D) Silty soil

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15. Which of these is a non-renewable resource?

- A) Wind
- B) Trees
- C) Coal**
- D) Water

16. What is a weather pattern?

- A) The way clouds form only
- B) The repeated conditions of weather in a certain area over time**
- C) The movement of the Moon
- D) The shape of mountains

17. What is a flood?

- A) A very dry period
- B) Overflow of water onto land that is normally dry**
- C) A strong wind
- D) Shaking of the ground

18. Which planet is closest to the Sun?

- A) Venus
- B) Mercury**
- C) Earth
- D) Mars



19. Why do things fall to the ground when dropped?

- A) Because of wind
- B) Because of Earth's gravity pulling them down**
- C) Because of air pressure
- D) Because of sunlight

20. Why do stars appear to twinkle?

- A) Because they move quickly
- B) Because of Earth's atmosphere bending their light**
- C) Because they are very close
- D) Because of the Moon

21. How many bones does an adult human skeleton have?

- A) 106
- B) 206**
- C) 306
- D) 406

22. How many chambers does the human heart have?

- A) 2
- B) 3
- C) 4**
- D) 5

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23. What is inhalation?

- A) Breathing out air
- B) Breathing in air**
- C) Storing air
- D) Moving oxygen in the blood

24. What is a balanced diet?

- A) Eating only one type of food
- B) Eating a variety of foods with proteins, carbohydrates, fats, vitamins, and minerals**
- C) Eating only sweets
- D) Skipping meals

25. Which of these increases friction?

- A) Smooth surfaces
- B) Rough surfaces**
- C) Ice
- D) Water